EXHIBIT 1

Identity between human and globefish EPO

```
>gb|AAQ72467.1| erythropoietin [Takifugu rubripes]
          Length = 185


  Score = 95.5 bits (236), Expect = 5e-19
  Identities = 66/181 (36%), Positives = 100/181 (55%), Gaps = 12/181 (6%)


Query: 12  LLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAENITTGCAEHCSLNENITVPDT 71
           L  L+ L    P L +P R ICD RVL  ++ EA++AE    C+E C+L++++ VP T
Sbjct: 10  LAFLLIVLEWTQPSLPSPLRPICDLRVLNHFIKEAQDAEAAMKLCSEGCTLSDSVIVPQT 69


Query: 72  KVNFYAWKRMEVGQQAVEVWQGLALLSEAVLRGQALLVNSSQPWEPLQLHVDKAVSGLRS 131
            V F W++    +A EV GL LL EA  + + N++    L H+D +V L S
Sbjct: 70  TVEFDVWEKKSALAKAQEVQSGLWLLQEAFNFLRTSVTNTA-----LHSHIDNSVRNLLS 124


Query: 132 LTTLLRALRAQKEAISPPDAASAAPLR-TITADTFRKLFRVYSNFLRGKLK--LYTGEAC 188
           +  +LR+L Q+  +PP ASAA + T    T +L +V+ NFLRGK++  L   +AC
Sbjct: 125 VNAVLRSLNIQE--FTPP--ASAAEIEGTWRVSTATELLQVHINFLRGKVRLILLDAQAC 180


Query: 189 R 189
           +
Sbjct: 181 Q 181
```

Identity between human and chicken EPO

```
>ref|NP_001001784.1| thrombopoietin [Gallus gallus]
 gb|AAT45554.1| thrombopoietin [Gallus gallus]
          Length = 177


  Score = 90.5 bits (223), Expect = 5e-17
  Identities = 54/166 (32%), Positives = 89/166 (53%), Gaps = 4/166 (2%)


Query: 1   MELTELLLVVMLLLTARLTLSSPAPPACDLRVLSKLLRDSHVLHSRLSQCPEVHPLPTPV 60
           MEL LLL+  LL +  + P  P CD R++ K + ++  +  R+S+C + L  PV
Sbjct: 1   MELNRLLLLTSFLLHVKEGHARPMGPICDNRLIQKYIGEAKDMEKRVSECQALPALSCPV 60


Query: 61  LLPAVDFSLGEWKTQMEETKAQDILGAVTLLLEGVMAARGQLGPTCLSSLLGQLSGQVRL 120
           +LP VDF++ +WK + +E K ++IL + LL+ V A+GQ+ C + L QL
Sbjct: 61  VLPLVDFNMRQWKNKSDEIKRREILCNLVLLVGAVTEAQGQVSQECGAGQLSQLYRHASS 120


Query: 121 LLGALQSLLGTQLPPQ----GRTTAHKDPNAIFLSFQHLLRGKVRF 162
           L LQ+  + P +     R+       IFL+++ L++GK+RF
Sbjct: 121 FLLLLQTFGWEEGPWEPGCSPRSIEQTHVTEIFLTYRQLVQGKLRF 166
```

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